



Applicant

For

: Yuan Min Wu and  
Eileen Xiao-Feng Nie

: SOLUTION HYBRIDIZATION OF  
NUCLEIC ACIDS WITH ANTISENSE  
PROBES HAVING MODIFIED  
BACKBONES

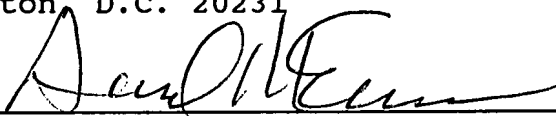
This is a patent application of the above identified invention, which includes the following:

1. Transmittal Letter, in duplicate
2. Five (5) sheets of 5 Figures
3. Specification - 44 pages
4. 31 Claims - 6 pages
5. Abstract of the Disclosure - 1 page
6. Computer Readable Sequence Listing - disk
7. Declaration for Patent Application, including, added page executed by person having proprietary interest
8. Statement of Facts in Support of Filing on Behalf of Nonsigning Inventors (37 C.F.R. 1.47)
9. Statement Establishing Proprietary Interest by Person Signing on Behalf of Nonsigning Inventors with Employment Agreement and Name Change Recordation
10. Verified Statement Claiming Small Entity Status (37 CFR 1.9(f) & 1.27(c))-Small Business Concern
11. Return Receipt Post Card

EL042187757US

"Express Mail" Mailing Label No.  
Date of Deposit May 22, 1998

I hereby certify that the above-identified documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

  
David M. Tener

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 35 U.S.C. §111 and 37 CFR §1.53 is the non-provisional patent application of

INVENTOR(S): Yuan Min Wu and Eileen Xiao-Feng Nie

ENTITLED: SOLUTION HYBRIDIZATION OF NUCLEIC ACIDS WITH ANTISENSE PROBES HAVING MODIFIED BACKBONES

Enclosed are:

- ☒ 51 pages of written description, claims and abstract.
- ☒ 5 sheet(s) of drawings.
- ☐ an assignment of the invention to \_\_\_\_\_.
- ☒ executed declaration of person having proprietary interest.
- ☐ \_\_\_\_\_ certified cop(ies) of a \_\_\_\_\_ application.
- ☐ associate power of attorney.
- ☐ a verified statement by the inventor(s) to establish small entity status under 37 CFR §§1.9 and 1.27
- ☒ a verified statement by the assignee(s) to establish small entity status under 37 CFR §§1.9 and 1.27
- ☐ information disclosure statement
- ☐ preliminary amendment
- ☒ other: Statement of Facts in Support of Filing on Behalf of Nonsigning Inventors, Statement Establishing Proprietary Interest by Person Signing on Behalf of Nonsigning Inventors, and Sequence Listing Disk.

The filing fee has been calculated as shown below:

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	31 - 20	= 11
INDEP CLAIMS	2 - 3	= 0
MULTIPLE DEPENDENT CLAIMS PRESENTED		

SMALL ENTITY	
RATE	FEE
	\$ 395
x 11 =	\$121
x 41 =	\$ 0
+ 135 =	\$
TOTAL	\$516

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 790
x 22	\$
x 82	\$
+ 270	\$
TOTAL	\$

\* If the difference is less than zero, enter "0".

- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 03-0075 as described below. A duplicate copy of this sheet is enclosed.
  - ☒ Charge the amount of \$ 516.00 as filing fee.
  - ☒ Charge payment of any additional filing fees required under 37 C.F.R. §§1.16 and 1.17 or credit any overpayment to Deposit Account No 03-0075.

Respectfully submitted,



David M. Tener  
Reg. No. 37,054  
CAESAR, RIVISE, BERNSTEIN,  
COHEN & POKOTILOV, LTD.  
12TH Floor, Seven Penn Center, 1635 Market Street  
Philadelphia, PA 19103-2212 Phone: 215-567-2010

May 22, 1998